

NASHVILLE DISTRICT SECTION 212 FUNDED PROGRESS UPDATE

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FINANCIAL STATUS

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Long-Term MOA	
Funds Received	\$208,047,647
Unobligated Project Funds	\$57,336,160
Emergent Work & Reserve Funds	\$16,402,396

Short-Term MOA	
Funds Received (SA#1,2,3,4,5)	\$125,000,000
Unobligated Project Funds	\$113,584,768
Reserve Fund	\$10,000,000

Legacy MOA	
Funds Received	\$45,000,000
Unobligated Project Funds	\$94,339
Emergent Work Funds	\$13,471,859

As of end of month Sep 2019

SUB-AGREEMENTS AND BALLOTS

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1. Long-Term MOA Ballot #12

- Closes 5 project work items
- Moves approximately \$980K to Emergent Work Item
- Fully executed 11-SEP

2. S-T MOA Sub-Agreement #6

- Funding toward Old Hickory Major Rehab – after approval of the HRAR
- Fully executed 9-SEP

3. S-T MOA FY20-21 Extension

- ASA (CW) approved extension and delegated authority to LRN Commander to execute on 19-SEP
- With TVA for signature, followed by USACE

4. Legacy Ballot #22 – Draft Underway

- Wolf Creek Dissolved Oxygen Improvements

5. Long-Term MOA Ballot #14 – Draft Underway

- Closes out completed Barkley preparatory projects

6. FY19 Annual Report – Draft Underway

BARKLEY

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- **Barkley Major Hydropower Rehabilitation**
 - Completing preparatory projects
 - Barkley Exciters
 - Work complete
 - Barkley Medium Voltage Cables Replacement
 - Work complete
 - Barkley Main Power Transformers
 - Supply contract ongoing
 - 90% Installation P&S – November 2019
 - Barkley Turbine-Generator Rehab E&D
 - Acquisition Plan Routing for SCO
 - Solicitation – January 2020
 - Award – April 2020



OLD HICKORY

- **Old Hickory Unit #4 Repair**
 - Unit alignment analysis ongoing
 - 72-hour run scheduled May 2020
- **Old Hickory Major Hydropower Rehabilitation**
 - Preparatory projects
 - Old Hickory Main Power Transformers
 - Solicitation – October 2019
 - Old Hickory Exciters
 - 90% Package – October 2019
 - Old Hickory DC Systems
 - 60% Package – October 2019
 - Hydropower Rehabilitation Analysis Report (HRAR)
 - Ballot #13 authorized additional scope (38.5 MW Alt, Power Train Analysis, Fix-Repair Scenario)
 - Draft Report to Customers – October 2019
 - Major Rehab E&D start after HRAR approval



CORDELL HULL

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- **Single Award Task Order Contract (SATOC) for Exciter Replacement**
 - Cordell Hull will be the “seed” project, Old Hickory will follow
 - Allows faster acquisition, homogeneity of equipment
 - RFP – November 2019
 - Award SATOC – June 2020
- **COR HRAR** on hold pending OLD HRAR approval



CHEATHAM & DALE HOLLOW

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- **Cheatham DC Systems**
 - HVAC Modification Negotiated
 - 75% - October 2019
- **CHE HRAR** on hold pending OLD HRAR approval
- **Dale Hollow Station Service**
 - 90% - October 2019



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CENTER HILL

- **Center Hill Turbine-Generator Rehabilitation**
 - Turbine runner modification negotiated
 - Head cover delay negotiation postponed – vent lams have impacted critical path
 - Unit #3 Return to Service – *Mar/Apr 2020*
 - Unit #1 Return to Service – *July 2020*



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WOLF CREEK

- **Wolf Creek Thrust Bearings (U1-3 & U5)**
 - Work substantially complete
- **Wolf Creek Penstock Repairs**
 - Unit #6 scheduled to be complete in October 2019
- **Wolf Creek Station Service Systems Rehabilitation**
 - Onsite and offsite work continue
 - Contract completion – July 2020
- **Wolf Creek HRAR**
 - Turbine performance testing on Unit #5 completed – report provided to customers 5-SEP
 - ~5% loss in efficiency from 1952-2018
 - ~2.5% loss in efficiency from 1987-2018
 - Update HRAR scope for completion
- **Wolf Creek DO Improvements**



INTAKE EQUIPMENT

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- **CEN/DAL/WOL Intake Lifting Equipment**
 - Pre-work submittals ongoing
 - Modification underway for stress relief of welds on hoist drum
 - DAL Mobilization – January 2020
- **BAR/OLD/COR/CHE Intake Gantry Cranes 30%**
 - Report pending technical review
 - Final report to customers – October 2019



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SHAREPOINT

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Cumberland River Partners Site

<https://partners.usace.army.mil/sites/LRN/cumberlandriverbasin/default.aspx>

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QUESTIONS



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